

**Amendments to the Claims (As Amended to Incorporate the Article 34 Amendments):**

Please substitute pages 8 and 11 with the attached amended pages 8 and 11 of the claims as originally filed. The new pages incorporate revisions to the international PCT application which were modified under Article 34.

Before claim 1 on amended page 8 insert --We claim:--

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) FA frequency converter, in particular for construction site devices operated with an electrical current having a higher frequency than line frequency,

havingcomprising:

- a converter device for converting the electrical current frequency[;]; and havingcomprising
- a housing that surrounds the converter device,

the housing havingcomprising[:]

\_\_\_\_\_ - a converter receptacle-(14) that surrounds a board chamber (28)-for the converter device,

\_\_\_\_\_ - a housing segment that is connected to the converter receptacle (14)-and that acts as a cooling area-(30), inside which there are situated cooling air ducts (40, 41, 56)-and a fan (34)-that is suitable for conveying cooling air through the cooling air ducts, and

\_\_\_\_\_ - in the cooling area-(30), 1) an external, first annular profile-(16), and 2)[-] additional annular profiles (36, 48)-that are oriented to one another in relation to the axis of the first annular profile (16)-in such a way that the annular profiles (16, 36, 48)-surround each other with a distance from one another, transverse to a main axial direction, so as to form at least two annular chambers (40, 56)-that act as cooling air ducts;

[~~-~~] wherein the annular profiles (~~36, 48~~) situated inside the first annular profile (~~16~~) ~~ending end~~ with an axial spacing from the separating wall (~~31~~) of the converter receptacle (~~14~~) so as to form an air deflection area (~~41~~) that acts as a cooling air duct.

2. (Currently Amended) ~~F~~The frequency converter according to Claim 1, ~~characterized in that wherein~~ the cooling area (~~30~~) has a transformer chamber (~~38~~), adjacent to the cooling air ducts (~~40, 41, 56~~), for accommodating an isolating transformer (~~60a, 60b, 60c~~) for producing an output voltage that differs from a line voltage.

3. (Currently Amended) ~~F~~The frequency converter according to Claim 1 ~~or 2~~, ~~characterized in that wherein~~ the converter receptacle (~~14~~) and the cooling area (~~30~~) are coupled with one another thermally by a separating wall (~~31~~).

4. (Currently Amended) ~~F~~The frequency converter according to ~~one of Claim[s] 1 to 3~~, ~~characterized in that wherein~~ the fan (~~34~~) is situated inside the first annular profile (~~16~~), coaxial thereto, in such a way that it is suited to suction a cooling air stream via one of the annular chambers (~~40~~) and to guide this air stream past at least a part of the separating wall (~~31~~) in the air deflection area (~~41~~), and to expel the air stream via a different annular chamber (~~56~~) according to the counterflow principle.

5. (Currently Amended) ~~F~~The frequency converter according to Claim 4, ~~characterized in that wherein~~ the fan (~~34~~) is situated in the air deflection area (~~41~~).

6. (Currently Amended) ~~F~~The frequency converter according to ~~one of Claim[s] 4 or 5~~, ~~characterized in that wherein~~ adjacent to the first annular profile (~~16~~) there is situated a second annular profile (~~36~~) that surrounds an annular transformer chamber (~~38~~) that is limited inwardly by a third annular profile (~~48~~).

7. (Currently Amended) ~~F~~The frequency converter according to Claim 6, ~~characterized in that wherein~~, in order to form a heat sink, the third annular profile (48) is made up of an outer ring (49) and an inner ring (54), cooling fins (50, 52) being situated in the area between the outer and inner ring that form a wall of one of the annular chambers (56) acting as cooling air ducts.

8. (Currently Amended) ~~F~~The frequency converter according to Claim 7, ~~characterized in that wherein~~ a part (52) of the cooling fins connects the outer ring and the inner ring (49, 54) to one another, and between these cooling fins (52), fins (50) are situated on the outer ring (49) that freely protrude radially inward.

9. (Currently Amended) ~~F~~The frequency converter according to ~~one of Claim[s] 4 to 8,~~ ~~characterized in that wherein~~ the outer, first annular profile (16) engages with the adjacent annular profile (36) according to the tongue-groove principle (42, 44).

10. (Currently Amended) ~~F~~The frequency converter according to ~~one of Claim[s] 6 to 9,~~ ~~characterized in that wherein~~ the transformer chamber (38) can be closed in the axial direction by annular covers (46, 47) that extend between the outer limitation, by the second annular profile (36), and the inner limitation, by the third annular profile (48), of the transformer chamber.

11. (Currently Amended) ~~F~~The frequency converter according to ~~one of Claim[s] 6 to 10,~~ ~~characterized in that wherein~~ the transformer chamber (38) contains a toroidal core transformer assembly (60a, 60b, 60c).

12. (Currently Amended) ~~F~~The frequency converter according to ~~one of Claim[s] 1 to 11,~~ ~~characterized in that wherein~~ the annular profiles are extruded profiles.

13. (Currently Amended) ~~F~~The frequency converter according to Claim 12, ~~characterized in that wherein~~ the extruded profiles (16, 36, 48) are aluminum extruded profiles that have been cut to fit.

14. (Currently Amended) ~~F~~The frequency converter according to Claim[s] 1 and 4, ~~characterized in that wherein~~ the outer, first annular profile (16) is connected in centering fashion with the converter receptacle (14).

15. (Currently Amended) ~~F~~The frequency converter according to ~~one of~~ Claim[s] 1 to 14, ~~characterized in that wherein~~ the converter receptacle (14) is made up essentially of an aluminum cast part.

16. (Currently Amended) ~~F~~The frequency converter according to ~~one of~~ Claim[s] 4 to 9 and Claim 10, ~~characterized in that wherein~~ the third annular profile (48) is centered in relation to the second annular profile (36), which is adjacent to the first annular profile (16), by the cover (46, 47) that closes the transformer chamber (38).

17. (Currently Amended) ~~F~~The frequency converter according to Claim 4, ~~characterized in that wherein~~ the fan (34) is situated such that it suctions cooling air via the annular chamber (40) adjacent to the first, outer annular profile (16), and conducts this air to the outside via the annular chamber (56) enclosed by the transformer chamber (38).

18. (Currently Amended) ~~F~~The frequency converter according to ~~one of~~ Claim[s] 1 to 17, ~~characterized in that wherein~~ the cooling area (30) is closed in the axial direction on the one hand by the separating wall (31) of the converter receptacle (14) and on the other hand by a cover (18) that is provided with air passage openings (21).

19. (Currently Amended) ~~F~~The frequency converter according to ~~one of Claim[s] 1 to 18,~~  
~~characterized in that~~ wherein the board chamber (28) is closed on the one hand by the  
separating wall (31) of the converter receptacle (14) and on the other hand by a front plate (22).

20. (Currently Amended) ~~F~~The frequency converter according to ~~one of Claim[s] 1 to 19,~~  
~~characterized in that~~ wherein a converter board (32) housed in the board chamber is  
encapsulated with a power module and is exchangeable.